

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Material Procedure
For

TRAFFIC PAINT

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1015.12 Traffic Paint

These references cover traffic paint for use in traffic striping on highways in the State of Louisiana.

PRELIMINARY REQUIREMENTS:

Approved Materials Evaluation Form

Submit a standard "Approved Material Evaluation Form" (copy attached) to the DOTD Materials and Testing Section Coordinator listed below along with a letter requesting evaluation for the Approved Materials List.

General Information

Include all pertinent information relative to the material to be evaluated; including, but not limited to, manufacturer's specifications, mixing instructions, recommended application procedure and rate, typical analysis and Safety Data Sheet (SDS).

Sample (to be furnished at no cost to the Department)

Include a one quart sample of the material for laboratory evaluation completely labeled with manufacturer name, material name, batch number and date of manufacturer.

AASHTO

National Transportation Products Evaluation Program (NTPEP)

Product Evaluation Form

The manufacturer shall also submit a standard "AASHTO National Transportation Products Evaluation Program (NTPEP) Product Evaluation Form" to the AASHTO NTPEP Coordinator listed at the bottom of that form. The manufacturer will be contacted by the Coordinator regarding the submission of samples.

TEST REQUIREMENTS:

AASHTO NTPEP

Laboratory and field results obtained by the AASHTO NTPEP will be used in the evaluation of this material.

Laboratory Testing

Laboratory results obtained by the AASHTO NTPEP will be used to determine conformance to DOTD Standard Specification, Subsection 1015.12

Field Evaluation

Traffic paints subjected to field testing will be inspected by the AASHTO NTPEP for retroreflection, color, durability and appearance. These results will be used to determine acceptability by the Department.

Traffic Paint shall have the following minimum retroreflectance values from AASHTO NTPEP data:

Initial Retroreflectivity and Color

For traffic paint, initial retroreflectivity and color shall conform to DOTD Standard Specifications, Subsection 1015.12 Traffic Paint. This minimum criterion apply to asphaltic and concrete test decks. The readings shall be used from both the skip and wheel path.

Durability

Traffic paint shall retain the minimum reflectivity value of 150 mcd/lux/sq m for white and 100 mcd/lux/sq m for yellow at least 6 months after placement. This minimum criterion applies for asphaltic and concrete sites. The readings shall be used from both the skip and wheel path.

The contact person affiliated with AASHTO NTPEP is:

NTPEP Coordinator Ph: 202-624-3695 Fax: 202/624-5806
AASHTO National Transportation Products Evaluation Program
444 N. Capitol St. N.W., Suite 249
Washington, D.C. 20001
Website: www.ntpep.org

For detailed information, refer to the Operational Procedures of the AASHTO NTPEP.

Evaluation Time

A final report will be received after the evaluation period. Exact deadline dates and details for submittals should be obtained from the NTPEP Coordinator.
Materials and Testing Section

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List. The Department reserves the right to reevaluate any material at any time. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

PROJECT ACCEPTANCE REQUIREMENTS:

Inclusion of your product on the Approved Materials List is not blanket approval for its use.

All products, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

DISQUALIFICATION:

Any material may be removed from the Approved Materials List should the material fail to comply with specifications or performance requirements. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

REQUALIFICATION:

A material which has been disqualified and removed from the Approved Materials List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

Michael Grubb
Chemical Laboratory Engineer
DOTD Materials and Testing Section
5080 Florida Blvd.
Baton Rouge, La. 70806-4123
Phone: (225) 248-4121
Fax: (225) 248-4187

Approved 2-5-15

A handwritten signature in black ink, appearing to read 'Chris Abadie', followed by a long horizontal line.

Chris Abadie, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR